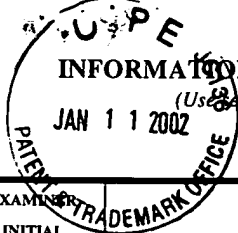


<div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p> <p>JAN 11 2002</p> </div>		Docket Number (Optional) <b>UC2000-303-2</b>	Application Number <b>09/975,735</b>
		Applicant(s) <b>J.J. GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY</b>	
Filing Date <b>OCTOBER 20, 2001</b>		Group Art Unit <b>2661</b>	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
EXAMINER INITIAL	<p>Wang, Z. and Crowcroft, J.; "QUALITY-OF-SERVICE ROUTING FOR SUPPORTING MULTIMEDIA APPLICATIONS," IEEE Journal on Selected Areas in Communications, Vol. 14, pp. 1128-1234, (1996).</p> <p>Parekh, A.K. and Gallager, R.G.; "A GENERALIZED PROCESSOR SHARING APPROACH TO FLOW CONTROL IN INTEGRATED SERVICES NETWORKS: THE SINGLE-NODE CASE," IEEE/ACM Transactions on Networking, Vol. 1, pp. 344-357, June, 1993.</p> <p>Parekh, A.K. and Gallager, R.G.; "A GENERALIZED PROCESSOR SHARING APPROACH TO FLOW CONTROL IN INTEGRATED SERVICES NETWORKS: THE MULTIPLE-NODE CASE," IEEE/ACM Transactions on Networking, Vol. 2, pp. 137-150, April, 1994.</p> <p>Stoica, I. and Zhang, H.; "PROVIDING GUARANTEED SERVICE WITHOUT PER FLOW MANAGEMENT," Proceedings of ACM SIGCOMM, pp. 81-94, September, 1999.</p> <p>Stoica, I. and Zhang, H.; "A MODEL FOR SERVICE DIFFERENTIATION IN THE INTERNET," NOSSDAV, pp. 1-14, July, 1998.</p> <p>Goyal, P. and Vin, H.; "ON THE EFFECTIVENESS OF BUFFER IN DETERMINISTIC SERVICES," Proceedings of the International Workshop on Network and Operating System Support for Digital Audio and Video, pp. 1-12, July, 1998.</p> <p>Grossglauser, M., Keshav, S., and Tse, D.; "RCBR: A SIMPLE AND EFFICIENT SERVICE FOR MULTIPLE TIME-SCALE TRAFFIC," Proceedings of ACM SIGCOMM, pp. 219-230, (1995).</p> <p>Guerin, R. et al.; "QoS ROUTING MECHANISMS AND OSPF EXTENSIONS," Request for Comments 2676, IBM T.J. Watson Research Center and Network Working Group, pp. 1-50, (1998)</p> <p>Guerin, R. et al.; "SCALABLE QoS PROVISION THROUGH BUFFER MANAGEMENT," Proceedings of ACM SIGCOMM, pp. 29-40, (1998).</p> <p>Baker, F. et al.; "AGGREGATION OF RSVP FOR IPv4 AND IPv6 RESERVATIONS," Request for Comments 3175, Cisco Systems and Network Working Group, pp. 1-36, (1999).</p> <p>Apostolopoulos, G. et al.; "ON REDUCING THE PROCESSING COST OF ON-DEMAND QoS PATH COMPUTATION," Journal of High Speed Networks, Vol. 7, pp. 77-98, (1998).</p> <p>Ma, Q. and Steenkiste, P.; "QUALITY-OF-SERVICE ROUTING FOR TRAFFIC WITH PERFORMANCE GUARANTEES," Proceedings IFIP International Workshop on Quality of Services, pp. 115-136, May, 1997.</p>		
EXAMINER	DATE CONSIDERED		

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Docket Number (Optional) <b>UC2000-303-2</b>	Application Number <b>09/975,735</b>
JAN 11 2002 PATENT & TRADEMARK OFFICE 980		Applicant(s) <b>J.J. GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY</b>	
		Filing Date <b>OCTOBER 10, 2001</b>	Group Art Unit <b>2661</b>

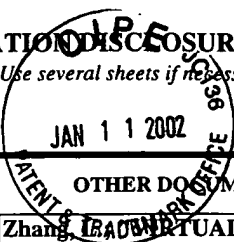
  

*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	✓ Steenkiste, P.; "ON PATH SELECTION FOR TRAFFIC WITH BANDWIDTH GUARANTEES," Proceedings of International Conference on Network Protocols, pp. 1-12, October, 1997.
<b>RECEIVED</b> <b>FEB 07 2002</b> <b>GROUP 3600</b>	✓ Ferrari, D. and Verman, D.; "A SCHEME FOR REAL-TIME CHANNEL ESTABLISHMENT IN WIDE-AREA NETWORKS," IEEE Journal on Selected Areas in Communication, Vol. 8, pp. 368-379, (1990).
	✓ Clark, D., Shenker, S. and Zhang, L.; "SUPPORTING REAL-TIME APPLICATIONS IN AN INTEGRATED SERVICES PACKET NETWORK ARCHITECTURE AND MECHANISM," Proceedings of ACM SIGCOMM, pp. 1-13, August, 1992.
	✓ Georgiadis, L., Guerin, R., Peris, V. and Sivaranjan, K.; "EFFICIENT NETWORK QoS PROVISIONING BASED ON PER NODE TRAFFIC SHAPING," IEEE/ACM Transactions on Networking, pp. 482-501, August, 1996.
	✓ Kandlur, D., Shin, K.G., and Ferrari, D.; "REAL-TIME COMMUNICATION IN MULTI-HOP NETWORKS," Proceedings RTAS, pp. 200-307, (1991).
	✓ Berson, S. and Vincent, S.; "AGGREGATION OF INTERNET INTEGRATED SERVICES STATE," University of Southern California Information Sciences Institute, Internet Drafts, pp. 1-12, November, 1997.
	✓ Apostolopoulos, G. et al., "QUALITY OF SERVICE BASED ROUTING: A PERFORMANCE PERSPECTIVE," Proceedings of ACM SIGCOMM, pp. 1-12, (1998).
	✓ Braden, R., Clark, D. and Shenker, S.; "INTEGRATED SERVICES IN THE INTERNET ARCHITECTURE: AN OVERVIEW," Request for Comments 1633, University of Southern California Information Sciences Institute, Network Working Group, pp. 1-28, June, 1994.
	✓ Cruz, R.L.; "A CALCULUS FOR NETWORK DELAY, PART I: NETWORK ELEMENTS IN ISOLATION," IEEE Trans. Inform. Theory, Vol. 37, No. 1; pp. 114-121, (1991).
	✓ Cruz, R.L.; "A CALCULUS FOR NETWORK DELAY, PART II: NETWORK ANALYSIS," IEEE Trans. Inform. Theory, Vol. 37, No. 1, pp. 121-141, (1991).
	✓ Shreedhar, M. and Varghese, G.; "EFFICIENT FAIR QUEUEING USING DEFICIT ROUND ROBIN," Proceedings of ACM SIGCOMM, pp. 231-242, (1995).
	✓ Demers, A., Keshav, S. and Shenker, S.; "ANALYSIS AND SIMULATION OF A FAIR QUEUEING ALGORITHM," Proceedings of ACM SIGCOMM, pp. 1 thru 12, (1989).
EXAMINER _____ DATE CONSIDERED _____	

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

UC2000-303-2

Application Number

09/975,735

Applicant(s)

J.J. GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY

Filing Date

OCTOBER 10, 2001

Group Art Unit

2661

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Zhang, J. "VIRTUALCLOCK: A NEW TRAFFIC CONTROL ALGORITHM FOR PACKET SWITCHING NETWORKS," ACM SIGCOMM, pp. 19-29, (1990).

Partridge, C.; "A PROPOSED FLOW SPECIFICATION," Request for Comments 1363, BNN, Network Working Group, pp. 1-20, September, 1992.

Shenker, S., Partridge, C. and Guerin, R.; "SPECIFICATION OF GUARANTEED QUALITY OF SERVICE: AN OVERVIEW," Request for Comments 2212, Xerox PARC, Network Working Group, pp. 1-20, September, 1997.

Shenker, S. and Wroclawski, J.; "GENERAL CHARACTERIZATION PARAMETERS FOR INTEGRATED SERVICE NETWORK ELEMENTS, Request for Comments 2215, Xerox PARC, Network Working Group, pp. 1-16, September, 1997.

Wroclawski, J.; "SPECIFICATION OF THE CONTROLLED-LOAD NETWORK ELEMENT SERVICE," Request for Comments 2211, MIT Laboratory for Computer Science, Network Working Group, pp. 1-19, September, 1997.

Crawley, E. et al.; "A FRAMEWORK FOR QoS-BASED ROUTING IN THE INTERNET," Request for Comments 2386, Argon Networks, Network Working Group, pp. 1-35, August, 1998.

Rosen, E., Viswanathan, A., and Callon, R.; "MULTIPROTOCOL LABEL SWITCHING ARCHITECTURE," Request for Comments 3031, Cisco Systems, Network Working Group, pp. 1-61, January, 1997. Republished in January, 2001.

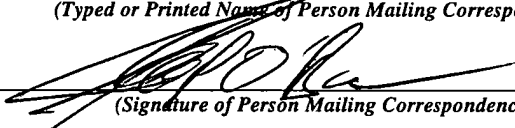
Black, D. et al.; "AN ARCHITECTURE FOR DIFFERENTIATED SERVICES," Request for Comments 2475, Torrent Networking Technologies, pp. 1-36, December, 1998.

Kweon, S. and Shin, K.; "PROVIDING DETERMINISTIC DELAY GUARANTEES IN ATM NETWORKS," IEEE/ACM Transaction Networking, Vol. 6, No. 6, pp. 838-850, December, 1998.

EXAMINER

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<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): J.J. GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY			Docket No. UC2000-303-2
Serial No. 09/975,735	Filing Date OCTOBER 10, 2001	Examiner	Group Art Unit 2661
Invention: <b>METHOD FOR MAINTAINING RESERVATION STATE IN A NETWORK ROUTER AND RESULTING SCALABLE INTEGRATED ARCHITECTURES FOR COMPUTER NETWORKS</b>			
<div><div><b>RECEIVED</b> FEB 07 2002 GROUP 3600</div><div><b>PTENT &amp; TRADEMARK OFFICE</b> JAN 11 2002</div></div> <p>I hereby certify that the following correspondence:</p> <div>Information disclosure citation (PTO-1449) (Page 1 thru 3)</div> <p>(Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p><u>January 11, 2002</u> (Date)</p> <div><div>JOHN P. O'BANION (Typed or Printed Name of Person Mailing Correspondence)</div><div> (Signature of Person Mailing Correspondence)</div><div>EV037989061US ( "Express Mail" Mailing Label Number)</div></div>			
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Docket No.

**UC2000-303-2**

Serial No.

**09/975,735**

Filing Date

**OCTOBER 10, 2001**

Examiner

Group Art Unit

**2661**

Invention:

**METHOD FOR MAINTAINING RESERVATION STATE IN A NETWORK ROUTER AND RESULTING  
SCALABLE INTEGRATED ARCHITECTURES FOR COMPUTER NETWORKS****RECEIVED****FEB 07 2002**

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